

L Number	Hits	Search Text	DB	Time stamp
1	644	"5420427" (USPAT) "4623909" (USPAT) "5389876" (USPAT) "6141722" (USPAT) "5726680" (USPAT) "5003577" (USPAT) "5465328" (USPAT) "5467436" (USPAT) "5539898" (USPAT) "5689708" (USPAT) "5943506" (USPAT) "4379328" (USPAT) "4430730" (USPAT) "4596145" (USPAT) "5335225" (USPAT) "5457415" (USPAT) "5535416" (USPAT) "5559972" (USPAT) "5594362" (USPAT) "5615161" (USPAT) "5671442" (USPAT) "5692191" (USPAT) "5703759" (USPAT) "5713040" (USPAT) "5745432" (USPAT) "5754845" (USPAT) "5777621" (USPAT) "5778024" (USPAT) "5819110" (USPAT) "5845059" (USPAT) "5873124" (USPAT) "5900866" (USPAT) "5969996" (USPAT) "5995076" (USPAT) "6115710" (USPAT) "6148409" (USPAT) "6199171" (USPAT) "6279037" (USPAT) "4304489" (USPAT) "4315311" (USPAT) "4331236" (USPAT) "4371931" (USPAT) "4417785" (USPAT) "4420841" (USPAT) "4476522" (USPAT) "4546458" (USPAT) "4555781" (USPAT) "4561444" (USPAT) "4606349" (USPAT) "4794564" (USPAT)	USPAT; US-PGPUB; JPO	2004/06/04 09:04

Steps ①, ② & ③
 @ pages 2, 3
 are for limitation of
 the 2nd)
 the independent
 Claim 1, which is
 believed novel.

2	50	(5420427, 4623909, 5389876, 6141722, 5726680, 5003577, 5465328, 5467436, 5539898, 5689708, 5943506, 4379328, 4430730, 4596145, 5335225, 5457415, 5535416, 5559972, 5594362, 5615161, 5671442, 5692191, 5703759, 5713040, 5745432, 5754845, 5777621, 5778024, 5819110, 5845059, 5873124, 5900866, 5969996, 5995076, 6115710, 6148409, 6199171, 6279037, 4304489, 4315311, 4331236, 4371931, 4417785, 4420841, 4476522, 4546458, 4555781, 4561444, 4606349, "4794564").pn.	USPAT; US-PGPUB; JPO	2004/06/04 09:04
3	1757	(graph or tree or (hierarch\$7 adj structure)) same (atom or object or file or data) same (operation or delet\$4 or delet\$5 or updat\$4 or insert\$4) same type	USPAT; US-PGPUB; JPO	2004/06/04 09:42
4	981	(graph or tree or (hierarch\$7 adj structure)) same (atom or object or file or data) same operation same type	USPAT; US-PGPUB; JPO	2004/06/04 09:30
5	369	(graph or tree or (hierarch\$7 adj structure)) same (atom or object or file) same operation same type	USPAT; US-PGPUB; JPO	2004/06/04 09:32
6	5	(graph or tree or (hierarch\$7 adj structure)) same (atom) same operation same type	USPAT; US-PGPUB; JPO	2004/06/04 09:31
7	5	(graph or tree) same (atom) same operation same type	USPAT; US-PGPUB; JPO	2004/06/04 09:31
8	354	(graph or tree) same (atom or object or file) same operation same type	USPAT; US-PGPUB; JPO	2004/06/04 09:32

9	256	(graph) same (atom or object or file or data) same (delet\$5 or updat\$4 or insert\$4) same type	USPAT; US-PGPUB; JPO	2004/06/04 09:36
10	3	(graph) same (atom) same (delet\$5 or updat\$4 or insert\$4) same type	USPAT; US-PGPUB; JPO	2004/06/04 09:36
11	82	(graph) same (object or file) same (delet\$5 or updat\$4 or insert\$4) same type	USPAT; US-PGPUB; JPO	2004/06/04 09:36
12	40	(graph) same ((data adj object) or file) same (delet\$5 or updat\$4 or insert\$4) same type	USPAT; US-PGPUB; JPO	2004/06/04 09:37
13	1	(graph or tree or (hierarch\$7 adj structure)) same atom same ((data adj object) or file) same (adding) same type same operation	USPAT; US-PGPUB; JPO	2004/06/04 09:44
14	10	(graph or tree or (hierarch\$7 adj structure)) same ((data adj object) or file) same (adding) same type same operation	USPAT; US-PGPUB; JPO	2004/06/04 09:50
15	1	(graph or tree or (hierarch\$7 adj structure)) same ((data adj object) or file) same (adding) same type same operation same (copy\$4 or transmit\$6 or duplicat\$5 or replicat\$5)	USPAT; US-PGPUB; JPO	2004/06/04 09:51
-	1	("20030145010").PN.	USPAT; US-PGPUB; JPO	2004/06/03 18:53
-	1	("20030145001").PN.	USPAT; US-PGPUB; JPO	2004/05/21 17:35
-	1	("20030144998").PN.	USPAT; US-PGPUB; JPO	2004/05/21 17:37
-	1	("20030145021").PN.	USPAT; US-PGPUB; JPO	2004/05/21 17:39
-	1	("20030145020").PN.	USPAT; US-PGPUB; JPO	2004/06/04 09:02
-	0	(data adj replication) same (non\$1destructive adj model)	USPAT; US-PGPUB; JPO	2004/06/03 12:04
-	1	(data near3 replication) same (non\$1destructive near2 model)	USPAT; US-PGPUB; JPO	2004/06/03 12:30
-	1	5799320.pn.	USPAT; US-PGPUB; JPO	2004/06/03 13:35
-	1	data same replication same non\$1destructive same data same model	USPAT; US-PGPUB; JPO	2004/06/03 14:12
-	1	file same director\$3 same insert\$3 same replication same updat\$3	USPAT; US-PGPUB; JPO	2004/06/03 14:14
-	553	(file\$1 or object\$1 or director\$3) same replication same updat\$3	USPAT; US-PGPUB; JPO	2004/06/03 14:15
-	414	(file\$1 or director\$3) same replication same updat\$3	USPAT; US-PGPUB; JPO	2004/06/03 14:27
-	0	(file\$1 or director\$3) same replication same updat\$3 same non\$1destructive	USPAT; US-PGPUB; JPO	2004/06/03 14:16
-	1	(file\$1 or director\$3) same replication same updat\$3 same atom	USPAT; US-PGPUB; JPO	2004/06/03 14:17
-	150	(file\$1 or director\$3) same replication same updat\$3 same (transmi\$6 or copy\$4)	USPAT; US-PGPUB; JPO	2004/06/03 14:28

-	1	"10/059345"	USPAT; US-PGPUB; JPO	2004/06/03 18:53
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2	50	(5420427, 4623909, 5389876, 6141722, 5726680, 5003577, 5465328, 5467436, 5539898, 5689708, 5943506, 4379328, 4430730, 4596145, 5335225, 5457415, 5535416, 5559972, 5594362, 5615161, 5671442, 5692191, 5703759, 5713040, 5745432, 5754845, 5777621, 5778024, 5819110, 5845059, 5873124, 5900866, 5969996, 5995076, 6115710, 6148409, 6199171, 6279037, 4304489, 4315311, 4331236, 4371931, 4417785, 4420841, 4476522, 4546458, 4555781, 4561444, 4606349, "4794564").pn.	USPAT; US-PGPUB; JPO	2004/06/04 09:04
-	1	("20030145010").pn.	USPAT; US-PGPUB; JPO	2004/06/03 18:53
-	1	("20030145001").pn.	USPAT; US-PGPUB; JPO	2004/05/21 17:35
-	1	("20030144998").pn.	USPAT; US-PGPUB; JPO	2004/05/21 17:37
-	1	("20030145021").pn.	USPAT; US-PGPUB; JPO	2004/05/21 17:39
-	1	("20030145020").pn.	USPAT; US-PGPUB; JPO	2004/06/04 09:02
-	0	(data adj replication) same (non\$1destructive adj model)	USPAT; US-PGPUB; JPO	2004/06/03 12:04
-	1	(data near3 replication) same (non\$1destructive near2 model)	USPAT; US-PGPUB; JPO	2004/06/03 12:30

plus search
each of them was
reviewed thoroughly

-	1	5799320.pn.	USPAT; US-PGPUB; JPO	2004/06/03 13:35
-	1	data same replication same non\$1destructive same data same model	USPAT; US-PGPUB; JPO	2004/06/03 14:12
-	1	file same director\$3 same insert\$3 same replication same updat\$3	USPAT; US-PGPUB; JPO	2004/06/03 14:14
-	553	(file\$1 or object\$1 or director\$3) same replication same updat\$3	USPAT; US-PGPUB; JPO	2004/06/03 14:15
-	414	(file\$1 or director\$3) same replication same updat\$3	USPAT; US-PGPUB; JPO	2004/06/03 14:27
-	0	(file\$1 or director\$3) same replication same updat\$3 same non\$1destructive	USPAT; US-PGPUB; JPO	2004/06/03 14:16
-	1	(file\$1 or director\$3) same replication same updat\$3 same atom	USPAT; US-PGPUB; JPO	2004/06/03 14:17
-	150	(file\$1 or director\$3) same replication same updat\$3 same (transmi\$6 or copy\$4)	USPAT; US-PGPUB; JPO	2004/06/03 14:28
-	1	"10/059345"	USPAT; US-PGPUB; JPO	2004/06/03 18:53

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